

INFORMATION DISCLOSURE CITATION

PTO-1449


 ATTY. DOCKET NO.
A-67493-3/DJB/RMS/DCF

 SERIAL NO.
09/606,369

 APPLICANT
CHEE et al.

 FILING DATE
June 28, 2000

 GROUP
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U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS		PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
WBS	1	4,822,746	4/1989	Walt	—	—	
	2	5,002,867	3/1991	Macevicz	—	—	
	3	5,114,864	5/1992	Walt	—	—	
	4	5,105,305	4/1992	Betzig et al.	—	—	
	5	5,143,853	9/1992	Walt	—	—	
	6	5,028,545	7/1991	Soini	—	—	
	7	5,244,636	9/1993	Walt et al.	—	—	
	8	5,244,813	9/1993	Walt et al.	—	—	
	9	5,250,264	10/1993	Walt et al.	—	—	
	10	5,252,494	10/1993	Walt	—	—	
	11	5,254,477	10/1993	Walt	—	—	
	12	5,298,741	3/1994	Walt et al.	—	—	
	13	5,320,814	6/1994	Walt et al.	—	—	
	14	5,496,997	3/1996	Pope	—	—	
	15	5,512,490	4/1996	Walt et al.	—	—	
	16	5,573,909	11/1996	Singer et al.	—	—	
	17	5,633,972	5/1997	Walt et al.	—	—	
	18	4,499,052	2/1985	Fulwyler	—	—	
	19	5,690,894	11/1997	Pinkel et al.	—	—	
V	20	5,194,300	3/1993	Cheung	—	—	
WBS	21	5,132,242	7/1992	Cheung	—	—	

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WHS	22	4,200,110	4/1980	Peterson et al.	—	—	
	23	4,824,789	4/1989	Yafuso et al.	—	—	
	24	4,682,895	7/1987	Costello	—	—	
	25	4,785,814	11/1988	Kane	—	—	
	26	5,518,883	5/1996	Soini	—	—	
	27	4,999,306	3/1991	Yafuso et al.	—	—	
	28	5,302,509	4/1994	Cheeseman	—	—	
	29	5,357,590	10/1994	Auracher	—	—	
	30	5,435,724	7/1995	Goodman et al.	—	—	
	31	5,481,629	1/1996	Tabuchi	—	—	
	32	5,575,849	11/1996	Honda et al.	—	—	
	33	5,639,603	6/1997	Dower et al.	—	—	
	34	5,656,241	8/1997	Seifert et al.	—	—	
	35	5,814,524	10/1998	Walt	—	—	
	36	5,863,708	1/1999	Zanzucchi et al.	—	—	
	37	6,023,540	2/2000	Walt et al.	—	—	
	38	5,874,219	2/1999	Rava et al.	—	—	
	39	5,545,531	8/1996	Rava et al.	—	—	
WAB	40	5,837,196	11/1998	Pinkel et al.	—	—	

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WAB	41	5,494,798	2/1996	Gerdt et al.	—	—	
	42	5,565,324	10/1996	Still et al.	—	—	
	43	5,516,635	5/1996	Ekins et al.	—	—	
	44	5,900,481	5/1999	Lough et al.	—	—	
	45	5,888,723	3/1999	Sutton et al.	—	—	
	46	5,380,489	1/1995	Sutton et al.	—	—	
	47	5,840,256	11/1998	Demers et al.	—	—	
WAB	48	5,854,684	12/1998	Stabile et al.	—	—	

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS		PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							Yes	No
WAB	49	0 478 319	4/1992	EP	—	—		
	50	0 269 764	6/1988	EP	—	—		
	51	93/02360	2/1993	PCT	—	—		
	52	89/11101	11/1989	PCT	—	—		
	53	97/14028	4/1997	PCT	—	—		
	54	0 723 146	7/1996	EP	—	—		
	55	98/40726	9/1998	PCT	—	—		
	56	0 392 546	10/1990	EP	—	—		
	57	98/53093	11/1998	PCT	—	—		
	58	97/40385	10/1997	PCT	—	—		
	59	98/53300	11/1998	PCT	—	—		
	60	96/03212	2/1996	PCT	—	—		
WAB	61	99/60170	11/1999	PCT	—	—		

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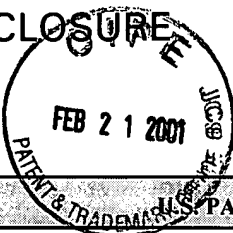
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WBS	62	97/14928	4/1997	PCT	—	—		
	63	98/50782	11/1998	PCT	—	—		
	64	99/18434	4/1999	PCT	—	—		
	65	00/13004	3/2000	PCT	—	—		
	66	00/16101	3/2000	PCT	—	—		
	67	98/29736	7/1998	PCT	—	—		
	68	99/05320	02/1999	PCT	—	—		
	69	00/04372	1/2000	PCT	—	—		
WBS	70	99/67414	12/1999	PCT	—	—		

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WBS	71	Ferguson et al., "A Fiber-Optic DNA Biosensor Microarray for the Analysis of Gene Expression," Nature Biotechnology, 14:1681-1684 (1996).
	72	Healey et al., "Improved Fiber-Optic Chemical Sensor for Penicillin," Anal. Chem. 67(24):4471-4476 (1995).
	73	Healey et al., "Development of a Penicillin Biosensor Using a Single Optical Imaging Fiber," SPIE Proc. 2388:568-573 (1995).
	74	Michael et al., "Making Sensors out of Disarray: Optical Sensor Microarrays," Proc. SPIE, 3270: 34-41 (1998).
	75	Michael et al., "Randomly Ordered Addressable High-Density Optical Sensor Arrays," Anal. Chem. 70(7): 1242-1248 (April 1998).
	76	Michael et al., "Fabrication of Micro- and Nanostructures Using Optical Imaging Fibers and there Use as Chemical Sensors," Proc. 3rd Intl. Symp., Microstructures and Microfabricated Systems, ed. P.J. Hesketh, et al., v. 97-5, Electrochem. Soc., 152-157 (Aug. 1997).
	77	Pantano et al., "Ordered Nanowell Arrays," Chem. Mater., 8(12): 2832-2835 (1996).
	78	Walt, "Fiber-Optic Sensors for Continuous Clinical Monitoring," Proc. IEEE, 80(6): 903-911 (1992).
	79	Illumina Inc. "Emerging," Windhover's In Vivo, The Business and Medicine Report, pg. 1-2 (September 1998).
WBS	80	Slides presented by Illumina at Cambridge Healthtech Institute's Implications of Human Genetic Variation - SNP's, Polymorphisms, Diseases & Treatment. November 18-19, 1998, Waltham, Massachusetts.

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81	Anonymous, "Fluorescent Microspheres," Tech. Note 19, Bangs Laboratories, (Fishers, IN) February 1997.
82	Anonymous, "Microsphere Selection Guide," Bangs Laboratories, (Fisher, IN) September 1998.
83	Bangs, L.B., "Immunological Applications of Microspheres," The Latex Course, Bangs Laboratories (Carmel, IN) April 1996.
84	Peterson, J. et al., "Fiber Optic pH Probe for Physiological Use," Anal. Chem., 52:864-869 (1980).
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86	Strachan et al., "A Rapid General Method for the Identification of PCR Products Using a Fibre-Optic Biosensor and its Application to the Detection of Listeria," Letters in Applied Microbiology, 21:5-9 (1995).
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99	Czarnik, "Illuminating the SNP genomic code," Modern Drug Discovery, 1(2):49-55 (1998)
100	Walt, "Fiber Optic Imaging Sensors", Acc. Chem. Res. 31(5):267-278 (1998)
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